

CHARTS
FLOW PLANS
PAINT NUMBERED
TREES

PERMANENT
SAMPLES

UNIT
RECORDS

TIMBER
BOOKKEEPING

THE DIAMETER
TAPE

TRIAL
BALANCE

PORT-A-
PUNCH

FOREST CONTROL

by

CONTINUOUS INVENTORY

A
13,23
In 81
141

"Today I have grown taller from walking
with the trees."

...Karle Wilson

Milwaukee, Wis. December, 1965 No. 141

We'll to the woods no more,
the laurel trees are cut.

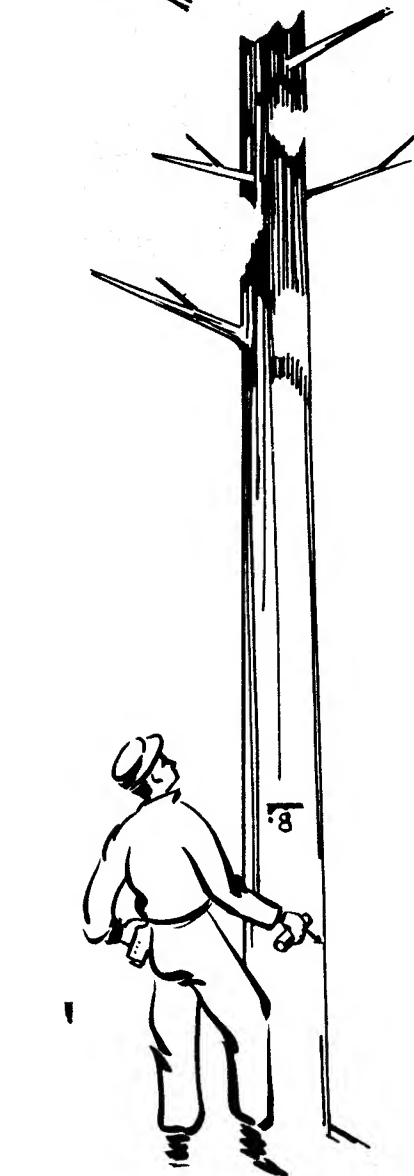
Theodore De Banville
1823 - 1891

Now my ideal is the housewife,
My greatest wish a quiet life,
And a big bowl of cabbage soup.

Pushkin

Whenever you find
that you are on the
side of the majority
it is time to reform.

Cal Stott



11/29/65

YOUNG MAN WITH A TAPE

Fresh from the forest school at Michigan Technological University in Houghton, Jerry Branam came to work in Milwaukee for the Division of State and Private Forestry this summer and fall. With no experience in the work but with willingness, an easy patience and an interest in accomplishment, he became proficient in permanent plot work. We had many fine weeks together in the woods.

Trained and supervised in the work in much the same way that other foresters have been over the years, this young man learned quickly and well. Working alone during October remeasuring 40 plots, he acquired the professional polish provided by concentrated experience. Checks on five of these plots show fine results. The record on diameters is especially encouraging. The trees were measured to hundredths of inches and unusually good correlation resulted between the original cruiser and the checker.

Diameters which were identical	35 trees
Diameters .01 to .03 inches high or low	50 trees
Diameters .05 to .08 inches high or low	<u>6 trees</u>
Total	91 trees

Actually only 7 of the 91 trees fell into the wrong tenth-inch diameter class due to the error found, and 4 of these had checking errors or differences of only .01 to .03 inches. The record for these 7 trees is encircled on the attachment.

We want to point out that there was no collaboration on this check which was made by Stott one week after the original work was done. Now, checkers also make errors. Let us say to be fair, that these differences are not necessarily all errors, but in either case, the diameter tape work by Jerry Branam is good. His other work was equally well done. And that is what one may expect when people are motivated, trained and then supervised along the way.

CAL STOTT
DICK SMITH
Foresters

EXCELLENT D-TAPE WORK ON 91 TREES
(Tenth-Inch Errors Circled - Original Records by Jerry Branam)

Identical : Diameters :	Diameters : .01 Diff. :	Diameters : .02 Diff. :	Diameters : .03 Diff. :	Diameters : .05-.08 Diff.
6.96	7.16 -.01	7.34 +.02	7.09 +.03	<u>10.10</u> -.06
7.04	7.39 +.01	7.94 +.02	<u>10.84</u> -.03	12.88 -.05
7.45	8.70 -.01	9.91 +.02	12.55 +.03	17.65 +.07
8.16	9.14 +.01	<u>10.85</u> -.02	14.71 +.03	20.29 -.05
8.30	9.21 +.01	12.50 +.02	18.67 -.03	<u>21.29</u> -.08
8.70	9.30 +.01	12.55 +.02	Ave. 12.77	<u>23.59</u> +.05
8.80	<u>9.65</u> -.01	12.74 +.02	3 High	Av. 17.63
9.30	10.82 +.01	13.03 -.02	2 Low	2 High
9.30	10.88 +.01	14.80 +.02		4 Low
9.40	10.95 +.01	15.20 +.02		
10.15	11.08 -.01	17.92 +.02		
10.50	11.39 -.01	18.49 -.02		
10.99	12.80 +.01	18.75 +.02		
11.11	16.12 +.01	19.10 +.02		
11.29	16.32 -.01	<u>19.56</u> +.02		
11.63	16.75 +.01	23.35 +.02		
11.65	16.89 +.01	28.35 +.02		
12.30	17.07 -.01	Ave. 15.43		
12.60	18.81 -.01	14 High		
12.71	18.92 -.01	3 Low		
13.75	19.98 -.01			
13.95	20.71 +.01			
14.22	22.20 -.01			
14.30	22.57 -.01			
14.70	22.98 +.01			
15.00	23.61 +.01			
16.70	24.30 -.01			
16.80	30.65 +.01			
17.60	Av. 15.58			
17.81	15 High			
17.89	15 Low			
19.40				
19.75				
21.80				
27.42				
Av. 13.13				
35 Trees Identical				

SUMMARY

35 diameters identical
34 diameters High .01" to .07"
22 diameters Low .01" to .08"

91 trees of which only:

2 were 1/10" too high when rounded to tenths

5 were 1/10" too low when rounded to tenths

D-Tape misread or mispunched 2 times

D-Tape crooked or misread 4 times

Note: 1/10" errors circled. Figures rounded up when units position reached .06.

The trees included red oak, hard and red maple, the elms, white oak, white ash, and other hardwoods. There was no significant relationship of errors by species.

PROFESSIONAL PLANS FOR THE FIRST RETIREMENT YEAR
CAL STOTT - 1966

JANUARY AND FEBRUARY

Reorganize old CFI files and card records for transfer to my field headquarters for CFI at the Ford Forestry Center, L'Anse, Michigan. Work with the Center on standard data processing plans for CFI. Cooperation with Barton on CFI cases and newsletter problems.

MARCH AND APRIL

Personal affairs.

MAY AND JUNE

Spend the middle two weeks of each month at the Ford Forestry Center contributing work and services as the need arises. Engage in economic studies, standard programming problems, and ecological, botanical and soils work. Retain contact with regional organizations engaged in CFI, assisting where it seems necessary.

JULY AND AUGUST

Continuation of work at the Ford Forestry Center the first two weeks of July and the last two weeks of August. Emphasis on Regional CFI cases in preparation for seasonal remeasurements, and their field checking.

SEPTEMBER, OCTOBER AND NOVEMBER

Continuation of work at Ford Forestry Center during middle two weeks of each month. Complete the remeasurement of local Purdue project CFI plots in woodlots adjacent to Milwaukee, intensifying all records.

DECEMBER

Reassessment of 1966 and plans for continued CFI woods work in 1967.

CAL STOTT
Forester

I may be reached at the following mailing addresses and telephone numbers:

May 8 to November 1 - Ford Forestry Center, L'Anse, Michigan
2 weeks each month
Telephone - 906-524-3236

Balance of year with interruptions - Residence, 2625 No. 59th Street,
Milwaukee, Wisconsin 53210
Telephone - 414-873-8461